Docket No.: G3781.0007/P007

AMENDMENTS TO THE CLAIMS

- 1. (Currently amended) Process for preparation of middle distillates by selective conversion of a hydrocarbon containing feedstock under hydrocracking conditions with a hydrocarbon conversion catalyst comprising one or more hydrogenation components supported on a support comprising a beta zeolite and an amorphous inorganic oxide, the beta zeolite having a SiO₂: Al₂O₃ molar ratio of at least 50, and the amorphous inorganic oxide consisting of silicalumina and alumina and combinations thereof, the support having an Ion Exchange Capacity-Acidity Index of less than 3.7, the support comprising less than [[50]] 15 wt % zeolite beta.
- 2. (Original) Process of claim 1 wherein the support has an NH₃-TPD Acidity Index of less than 3.5.
- 3. (Previously presented) Process of claim 1, in which the NH₃-TPD Acidity Index is less than 2.3 and/or the Ion Exchange Capacity-Acidity Index is less than 2.7.
- 4. (Original) Process of claim 1, wherein the beta zeolite has a SiO₂: Al₂O₃ molar ratio of at least 100.
- 5. (Original) Process of claim 1, wherein the one or more hydrogenation components are selected from the elements of Group VIII and/or Group VI B.
- 6. (Original) Process of claim 5, wherein the hydrogenation components are selected from the group consisting of tungsten, molybdenum, nickel and combinations thereof.
- 7. (Original) Process of claim 6, wherein the hydrogenation components are a combination of nickel and tungsten.
- 8. (Previously presented) Process of claim 1, wherein the support comprises at least 50 wt % amorphous inorganic oxide.

Claims 9-10. (Canceled)

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11. (Previously presented) Process of claim 2, in which the NH₃-TPD Acidity Index is less than 2.3 and/or the Ion Exchange Capacity-Acidity Index is less than 2.7.

- 12. (Previously presented) Process of claim 1, wherein only a single type of catalyst is used in a single hydrocracking step to selectively produce a single middle distillate product.
- 13. (Previously presented) A hydrocarbon conversion process comprising contacting a hydrocarbon feedstock in the presence of hydrogen under hydrocarbon conversion conditions with a catalyst as defined in claim 1.

Claim 14. (Canceled)